Peak District National Park

Forecast valid from 00:00 on Tuesday 19 Apr 2022 until 23:59 on Wednesday 20 Apr 2022

Forecast Issued on Monday 18 Apr 2022 at 14:40

Confidence: High confidence in the synoptic situation, moderate confidence in shower details tomorrow and overall cloud amounts through the week.

Headline for Tuesday 19 Apr 2022: A generally cloudy day with some brief sunny intervals and showers through the afternoon.

Mountain weather hazards on Tuesday 19 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
20%	10%	10%	30%	50%	50%	30%	10%

Forecast for Tuesday 19 Apr 2022

Weather: Variable amounts of cloud early in the morning with breaks most likely towards the northeast. Cloud cover increasing during the morning with slow-moving showers developing by midday. Showers most frequent during the afternoon, occasionally heavy with a low risk of hail. Showers slowly dissipate early evening but remaining mostly cloudy overnight.

Chance of cloud-free hill tops above 600m: 100% for much of the day, occasionally 70% during the morning as convective cloud develops.

Low cloud and visibility: Mostly good visibility with cloud bases above summits, even during afternoon showers. Briefly moderate visibility as convective cloud forms around 500-600m.

Forecast for Tuesday 19 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/5 N	6/10 N	7/11 N	9/14 NE	11/17 NE	11/17 NE	13/18 NE	12/18 NE	12/17 NE
300	3/5 W	3/6 N	4/8 NE	8/14 NE	8/14 NE	9/15 NE	9/15 NE	9/16 NE	9/16 NE
Valley	2/4 W	3/8 N	3/8 N	6/12 NE	6/14 NE	7/15 NE	6/15 NE	8/17 NE	7/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/3	3/1	3/1	5/2	6/3	6/3	6/2	4/0	3/-1
300	6/6	6/4	6/4	8/6	8/6	9/6	8/6	7/4	6/3
Valley	7/6	6/5	6/5	9/8	10/8	10/8	9/7	8/5	7/5
Freezing Level*	1200m	1200m	1200m	1100m	1200m	1300m	1300m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of high UV levels in any sunny breaks. Feeling cool for much of the day particularly if caught in the slow-moving afternoon showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 17 Apr 2022	0mm	0mm	0mm

Forecast for Wednesday 20 Apr 2022

Weather: Risk of low cloud towards the east of the park around dawn, dissipating quickly in the morning sunshine. Fair weather cloud developing during the morning but plenty of sunny spells are expected through the day. Feeling cool at first in a strengthening easterly wind, but temperatures will quickly pick up and it will feel warm in the afternoon sunshine. Chance of a light shower in the afternoon.

Maximum wind: Easterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: Possibly 60% at first, otherwise 100% through the day.

Low cloud and visibility: Chance of poor visibility in low cloud base 400-500m in the east at first, otherwise very good visibility.

Temperature: **Valleys:** Plus 4 Celsius increasing to plus 12 Celsius.
At 600m: Plus 7 Celsius
Freezing level: Above summits.